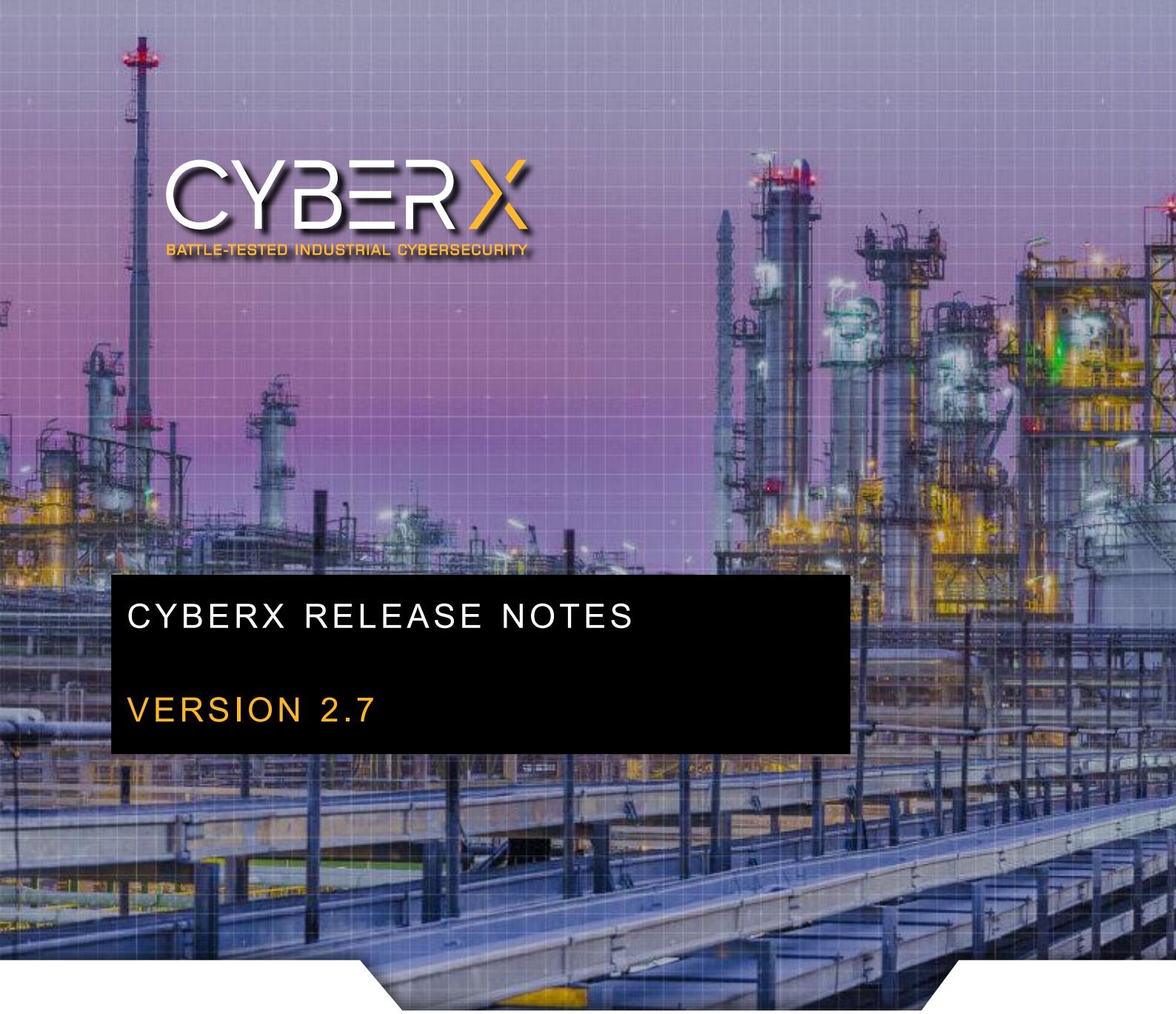


CYBERX RELEASE NOTES

VERSION 2.7

Document version:
2.7 (0)

Last revised:
September 2, 2019

Contents

1 About CyberX Version 2.7

Version 2.7 provides important new features and feature enhancements that improve:

- Scalability
- Visibility
- Ease of Use

Users can upgrade to this version or install it as a first-time release.

Getting More Information

This document provides an overview of features made available with version 2.7.

For more information about features described in this document, refer to the Central Manager and Platform User Guides:

- At the CyberX Help Center: help.cyberx-labs.com.
- From the Console. To access the User Guide from the Console, select  and then select **Download User Guide**

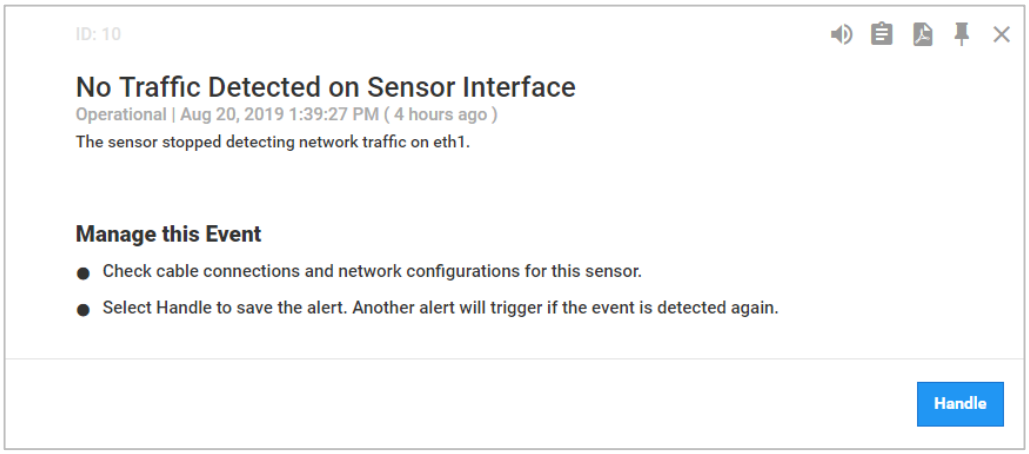
For support and troubleshooting information, contact support@cyberx-labs.com.

2 Scalability

The following scalability enhancements are available:

Sensor Interface Status Alerts Available

Users can now more easily monitor Sensor health with Sensor interface status alerts. Alerts are triggered if no traffic is detected on a Sensor interface, and when traffic resumes.



Component Support: CyberX Central Manager and Platform

Upgrade Infrastructure – Streamlined Upgrade to Any Version

The upgrade infrastructure has been improved and allows bridged, seamless upgrades over a series of versions. For example, upgrade seamlessly from version 2.7 to 2.10, without having to perform incremental upgrades. Bridged upgrades speed up the upgrade process. This infrastructure will be available when upgrading from version 2.7 to higher versions.

Component Support: CyberX Central Manager and Platform

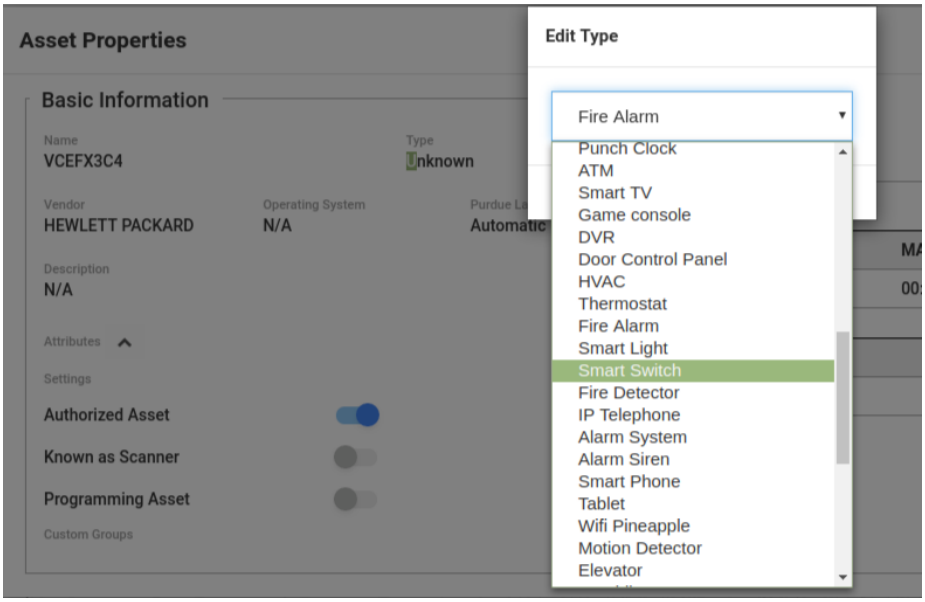
3 Visibility

The following visibility enhancements are available:

- Enhanced Asset Type Classification
- Asset Property Enrichment Using SNMP
- Enhanced MAC Address Resolution
- Firmware Data Displayed with Asset Properties

Enhanced Asset *Type* Classification

Enhance visibility by manually classifying detected assets with new device types.



The following new types can be assigned to assets.

ATM	Humidity Sensor	Protocol Converter	Smart TV
Backup Server	HVAC	Pneumatic Device	Uninterruptable Power Supply
Barcode scanner	Intercom	Punch Clock	Tablet
Control Panel	I/O Adaptor	Robot Controller	Turnstile
Door Panel	Marquee	Servo Drive	Variable Frequency Drive
DVR	Meter	Siren	Wifi Pineapple
Fire Alarm	Motion Detector	Smart Light	
Game Console	Phone	Smart Phone	
Fire Detector	People Counter System	Smart Switch	

Component Support: CyberX Platform

Asset Property Enrichment Using SNMP

CyberX now uses SNMP, as well as other monitoring methods, to resolve the following asset attributes:

- Name
- Type
- Vendor
- Operating System
- Firmware

SNMP discovery enriches the information available in the Asset in Inventory, Data Mining and other reports.

Enhanced MAC Address Resolution

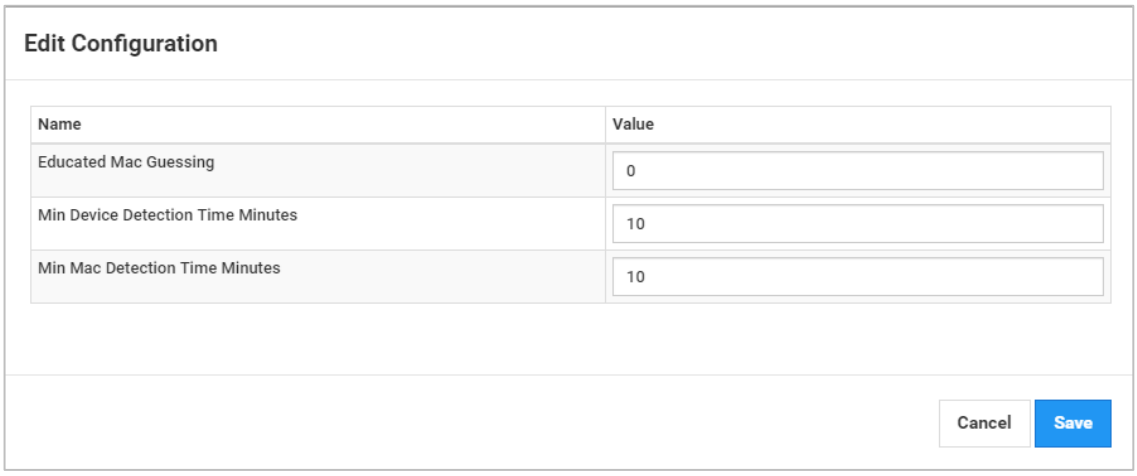
Users can instruct CyberX to resolve MAC addresses when an estimated MAC/asset association is detected. This capability significantly improves MAC resolution for network assets and display of MAC information in the Console.

Previously MAC addresses were only resolved if a unique, definitive MAC address was detected for an asset.

Estimated MAC address resolution is carried out when the IP address of a new asset is associated with a specific MAC address for a configurable time.

To configure the MAC address resolution settings:

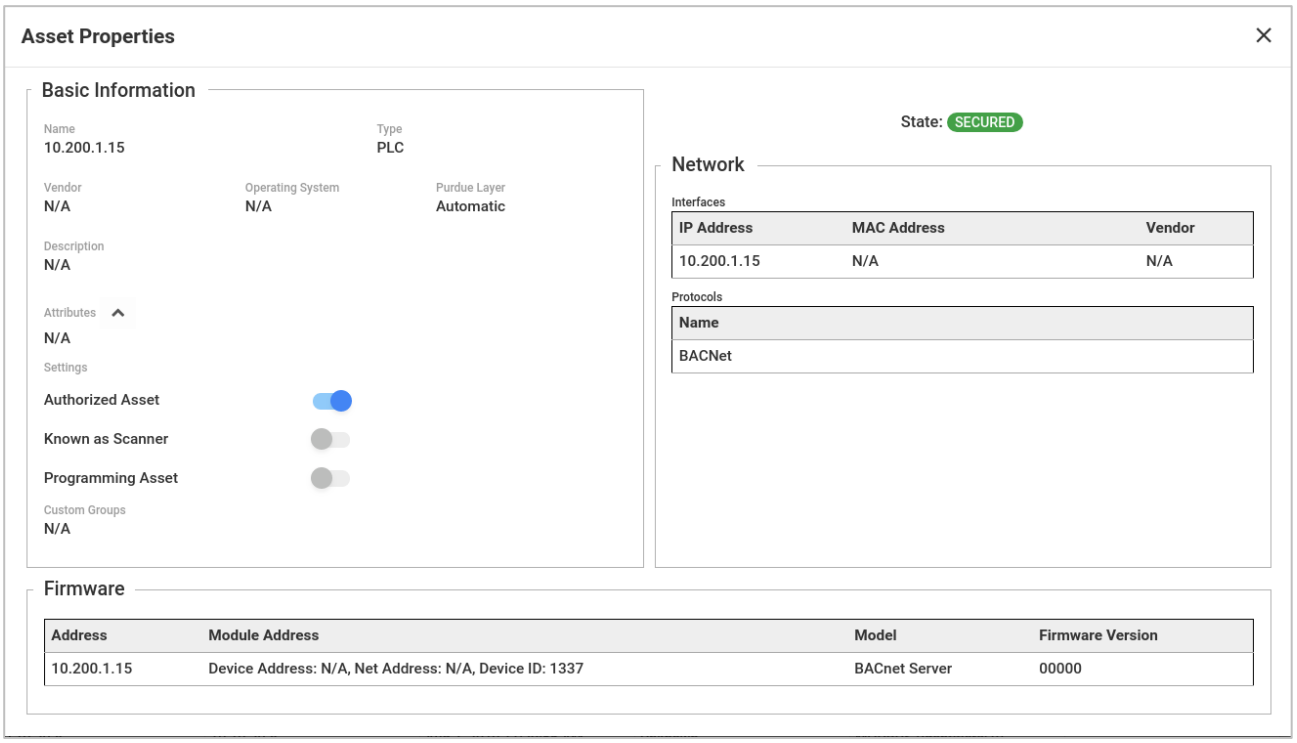
1. Select **Support**>**Engines** and then type **Educated MAC Guessing**.



This feature is not applicable for switches, HMIs or Engineering Stations.

Firmware Data Displayed with Asset Properties

Firmware details are available from the Asset Properties window. Previously this information was only available in the Asset Inventory.



If backplane information is resolved, the firmware details will not be displayed.

Component Support: CyberX Platform

4 Ease of Use

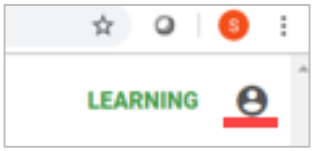
The following usability enhancements are available:

- Access to User Guides from Consoles
- Mute Alert Events
- Enhanced Map Forensics

Access to User Guides from Consoles

The User Guides for the Central Manager and Platform are now available directly from the product Consoles. Use the guides for quick access to product information.

To access the User Guide from the Console, select and then select **Download User Guide**.



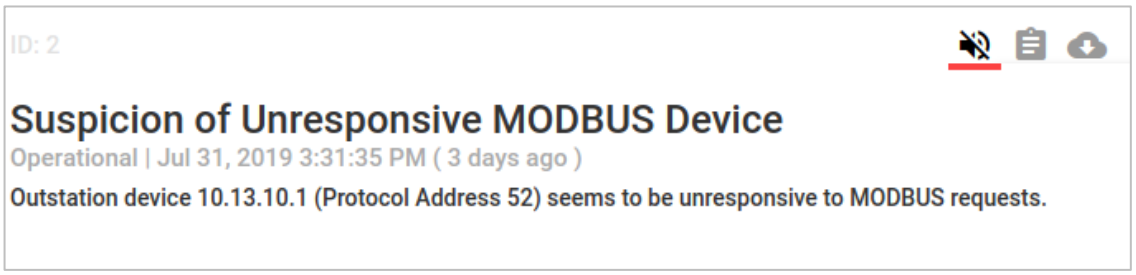
Mute Alert Events

Under certain circumstances, you may want to instruct your Sensor to ignore a specific scenario on your network. For example,

- The Anomaly engine triggers an alert on a spike in bandwidth between two assets, but the spike is valid for these assets.
- The Protocol Violation engine triggers an alert on a protocol deviation detected between two assets, but the deviation is valid between the assets.

In these situations, learning is not available. When learning cannot be carried out and you want to suppress the alert and remove the asset when calculating risks and attack vectors, you can mute the alert event instead.

Once muted, activity detected with identical assets and comparable traffic will not trigger additional alerts. Toggle the **Mute** icon from the alert message to suppress/activate the alert.



Component Support: CyberX Manager and CyberX Platform

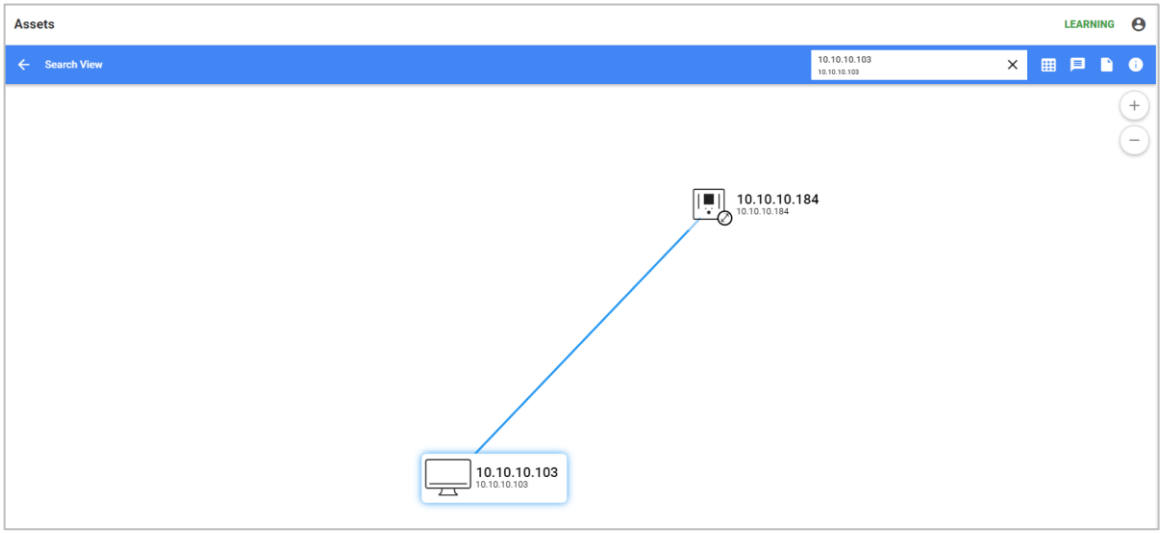
Enhanced Map Forensics

Map enhancements enable improved forensics on assets of interest:

- Smart IP/MAC Map Search
- Analyze Assets with Specific Alerts

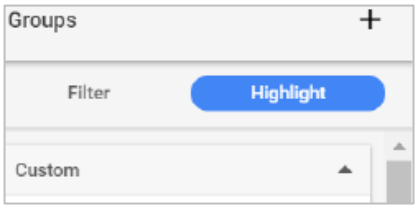
Smart IP/MAC Map Search

The IP/MAC map search provides smarter filtered results. Now when searching, the map drills directly to the IP or MAC queried and connected assets only. Previously the map displayed all assets in the subnet of the queried asset.



Assets are displayed in the new **Search View**. Select **Assets** to return to an unfiltered view of the queried asset.

This capability is available when the Map>**Highlight/Filter** options are disabled.

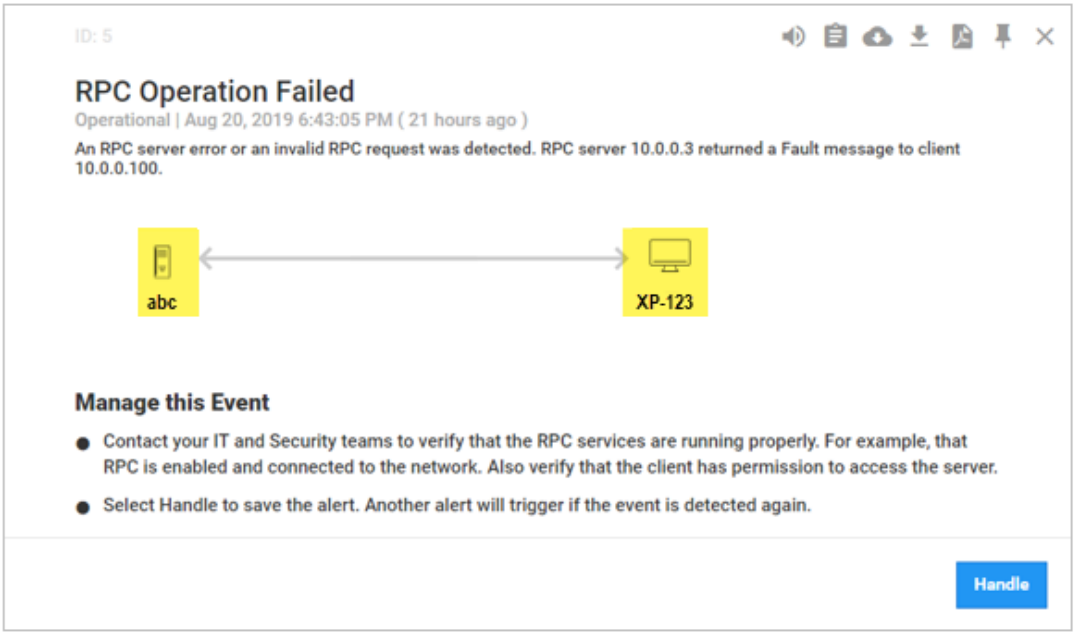


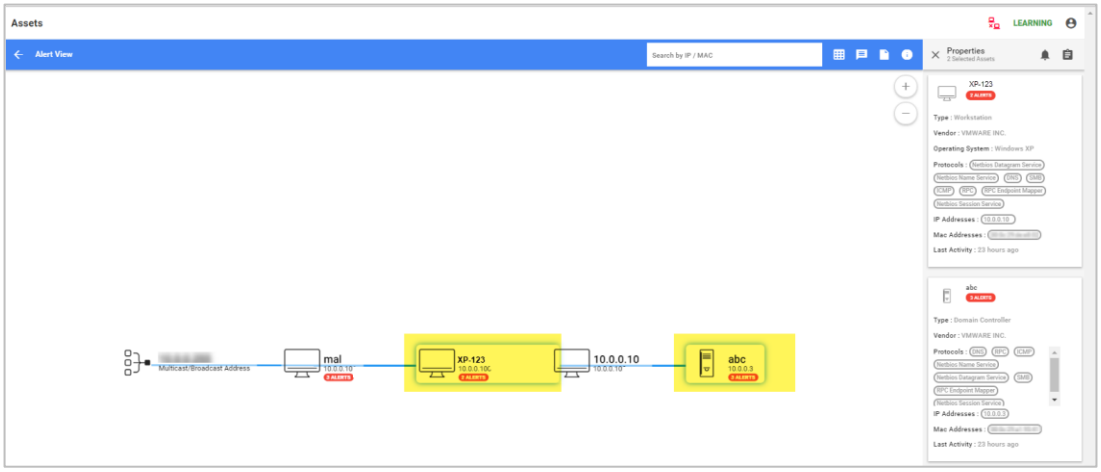
Analyze Assets with Specific Alerts

The new map *Alert View* lets you quickly gain insight into assets that triggered alert events.

When selecting an asset directly from an alert, the map automatically filters to the selected alert and assets connected to it.

The Quick Properties dialog box for the assets detected in the alert is displayed in the map as well.





Component Support: CyberX Platform

5 Upgrade Notes

This version updates the VLAN configuration behavior.

Unused VLANs will no longer be displayed in the VLAN configuration screen, Map, Data Mining and other reports. Previously all VLANs were displayed.